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## GOVERNOR'S OFFICE OF ENERGY MANAGEMENT AND CONSERVATION'S ANEMOMETER LOAN PROGRAM COMPLETES ONE YEAR OF WIND STUDY FOR COLORADO COMMUNITIES

**Denver, CO, September 2, 2004** – Under its Anemometer Loan Program (ALP), the Governor's Office of Energy Management and Conservation (OEMC) has completed one year of wind data collection at selected sites in Colorado. Anemometers are wind-measuring devices mounted atop or at various heights on towers installed at specific sites where wind potential is considered promising. The data is analyzed and interpreted by a third-party expert to help make decisions regarding the feasibility of installing wind generators at these locations.

The anemometers were first installed in 2003 at locations in Aurora, Julesburg, Lamar, Leadville, Meeker, Montrose, and Walden. Several of the 2003 sites are using this wind data in current planning for wind energy development on their sites. For example, the Lamar site will install an 80 foot tall wind turbine that will provide power to the hog farm operations, which is currently creating some electricity and heat from an anaerobic digester. Also, Julesburg has installed another anemometer on a 145 tower near the original site, in order to determine if a larger wind turbine installation would be feasible. The Meeker site has also installed another anemometer to gather data near the site where wind data was collected under OEMC's ALP.

Currently, five of the seven original anemometers have been dismantled and relocated to the following new locations: Eads, Carbondale, Deer Trail, Sedgwick, and Paonia. The Meeker site will be dismantled at the end of September and OEMC is currently readying the specific site. Due to a lightning strike at the Walden site, this anemometer will remain until the summer of 2005. In response to the popularity of the ALP, OEMC has recently purchased an additional anemometer. In early September, it will be installed near the town of Cimarron.

"The interest in wind energy in Colorado is very strong and keeps growing. The anemometer loan program was designed to help rural Coloradans determine the feasibility of small wind power," said Rick Grice, OEMC director. "Small wind power can help farmers and ranchers save energy and reduce the demand on the grid, all with a clean, renewable fuel."

Upon completion of the data gathering, each site receives a Technical Summary Report that summarizes all the collected data during the monitoring period, all the raw data collected, and photos of the installation and dismantling of the anemometer and tower. Additionally, this information is available at the OEMC website.

## About the Anemometer Loan Program:

ALP is a partnership with the U.S. Department of Energy's Wind Powering America Program. Anemometers are wind-measuring devices mounted atop towers. OEMC purchased seven 20-meter anemometer towers and anemometers, to be installed in Colorado, to collect site-specific wind data. The data collected from the program is being analyzed by a third-party source working with OEMC and all summary information is made available to the public. Site selections are based on various criteria that includes existing statewide wind mapping information as well as the participant's stated purpose for wind energy utilization. For more information, visit: <a href="https://www.state.co.us/oemc">www.state.co.us/oemc</a> or contact OEMC's Olga Erlich: (303)894-2383 or olga.erlich@state.co.us.

About Colorado Governor's Office of Energy Management and Conservation (OEMC):
As the lead state agency on energy efficiency and conservation issues, OEMC serves the people and businesses of Colorado through demonstration and education of viable, real-world solutions to the need to reduce our reliance on foreign energy. OEMC serves as a statewide advocate of

energy efficiency through its programs and partnerships that benefit Colorado's economic and natural environment. OEMC receives federal funding, including U.S. Department of Energy, but no Colorado state tax dollars to support its activities. Contact OEMC at <a href="https://www.state.co.us/oemc">www.state.co.us/oemc</a> or call toll-free, 800-632-6662.

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